

CLAIMS

1. A discrimination medium for determining authenticity of an object by providing an optically discriminating mark on the object, the medium comprising:

a support body, and

a multilayer thin film fixed to a part of the support body and having light selectivity of reflecting characteristics depending on a viewing angle.

2. A discrimination medium, for determining authenticity of an object by providing an optically discriminating mark on the object, the medium comprising:

a multilayer thin film having light selectivity of reflecting depending on a viewing angle, and

a masking sheet fixed to a surface of the multilayer thin film for masking a part of the surface.

3. The discrimination medium according to claim 1 or 2, wherein a portion is formed by printing or foil transfer, and the portion exhibits a color equivalent to the color of the medium which further comprises the multilayer thin film viewed from a specific direction.

4. The discrimination medium according to one of claims 1 to 3, wherein

the multilayer thin film is cut into strips or fibers,

the multilayer thin film is held between the support body divided into two layers,

and

one or two layers of the support body have an opening to allow the multilayer thin film to be seen

5. The discrimination medium according to one of claims 1 to 3, wherein the multilayer thin film is cut into strips, fibers, or small chips, the support body is made of paper, and the multilayer thin film is mixed to the support body when the support body was made.
6. The discrimination medium according to one of claims 1 to 3, wherein the multilayer thin film is cut into strips, small chips, or specific patterns, and the multilayer thin film is transcribed on a surface of the support body.
7. The discriminating medium according to one of claims 1 to 6, wherein a hologram processing or a press processing is made to the multilayer thin film.
8. The discrimination medium for discriminating according to one of claims 1 to 7, wherein the discrimination medium has an adhesive layer to adhere the medium to the object, and the adhesive layer includes a pigment or dye having a color which may be black.
9. The discrimination medium according to one of claims 1 to 7,

the surface of the discrimination medium facing the object is printed which may be black.

10. The discrimination medium according to claim 8 or 10, wherein

a fluorescent material layer or a light accumulating material layer is held between a part of the discrimination medium and a part of the adhesive layer or between a part of the discrimination medium and a part of the printed layer.

11. The discrimination medium according to one of claim 1 to 10, the medium further comprises:

a slit partially formed in the discrimination medium.

12. The discrimination medium according to one of claims 1 to 10, the medium further comprises:

a first multilayer thin film,

a second multilayer thin film, and

an optical absorption layer held between the first multilayer thin film and the second multilayer thin film.

13. The discrimination medium according to claim 12, wherein

both sides of the optical absorption layer have light selectivity of reflecting characteristics depending on a viewing angle.

14. The discrimination medium according to claim 7, wherein

the multilayer thin film includes a stamped layer for forming at least one of a hologram and an embossment.

15. The discrimination medium according to claim 14, wherein the stamped layer is made from a material selected from thermosetting resins, ionization radiation hardening resin, and ultraviolet ray hardening resin.

16. The medium for discriminating according to one of claims 1 to 15, wherein the multilayer thin film is obtained by stacking thin films multiple and drawing the stacked films.